



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Ruskin Company
3900 Dr. Greaves Road
Grandview, MO 64030

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model PHB6375DXD Aluminum Penthouse Louver System

APPROVAL DOCUMENT: Drawing No. 60-021889-01D to 05D and 06B to 11B, titled "PHB6375DXD Penthouse", sheets 1 through 11 of 11, dated 01/21/2004, with revision B dated 04/20/2009, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Geneva, AL, model/series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 09-0423.06 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
07/15/2013

NOA No. 13-0521.08
Expiration Date: April 22, 2014
Approval Date: July 25, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS “Submitted under NOA # 09-0423.06”

1. Drawing No. 60-021889-01D to 05D and 06B to 11B, titled “PHB6375DXD Penthouse”, sheets 1 through 11 of 11, dated 01/21/2004, with revision B dated 04/20/2009, prepared by Ruskin Company, signed and sealed by Daniel J. Rau, P.E.

B. TESTS “Submitted under NOA # 03-0701.05”

1. Test report on Large Missile Impact Test per FBC, TAS 201-94, Cyclic Wind Pressure Test per FBC, TAS 203-94, Uniform Static Air Pressure Test per FBC, TAS 202-94 and Tensile Test per ASTM E8, of “Rectangular Fixed Blade Rooftop Enclosure”, prepared by Architectural Testing, Inc., Test Report No. 01-42235.01, dated 05/14/2003, signed and sealed by Steven M. Urich, P.E.

C. CALCULATIONS “Submitted under NOA # 09-0423.06”

1. Anchoring, stress, deflection and load verification calculations, prepared by Ruskin Company, dated 03/25/2009, signed and sealed by Daniel J. Rau, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

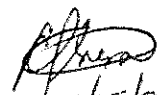
1. None.

F. STATEMENTS

1. Statement letter of code conformance to 2010 FBC issued by Ruskin Company, dated 05/10/2013, signed and sealed Daniel J. Rau, P.E.
2. No financial interest letter issued by Ruskin Company, dated 05/10/2013, signed and sealed by Daniel J. Rau, P.E.

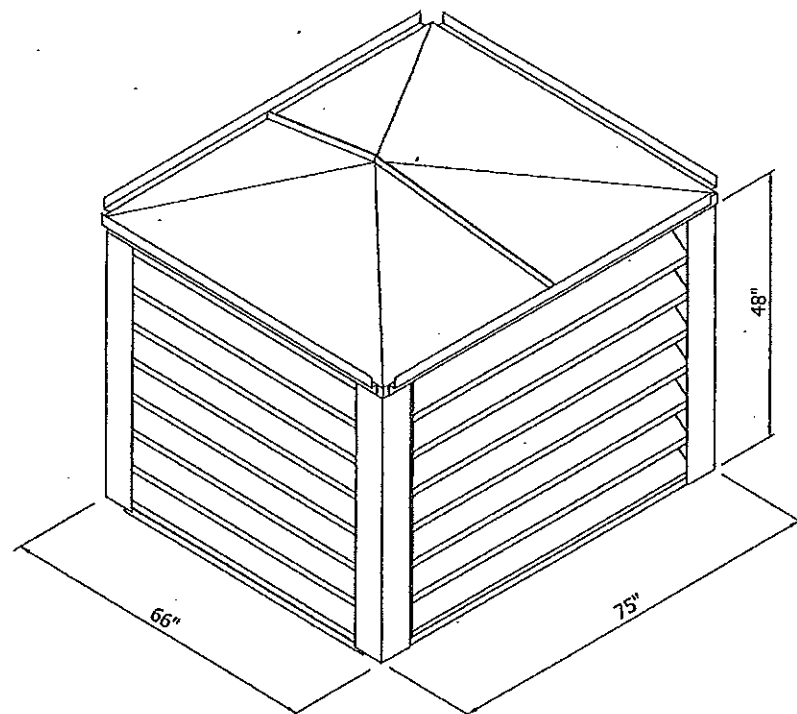
“Submitted under NOA # 03-0701.05”

3. Test compliance letter issued by Architectural Testing on 05/14/2003, signed and sealed by S. M. Urich, P.E.



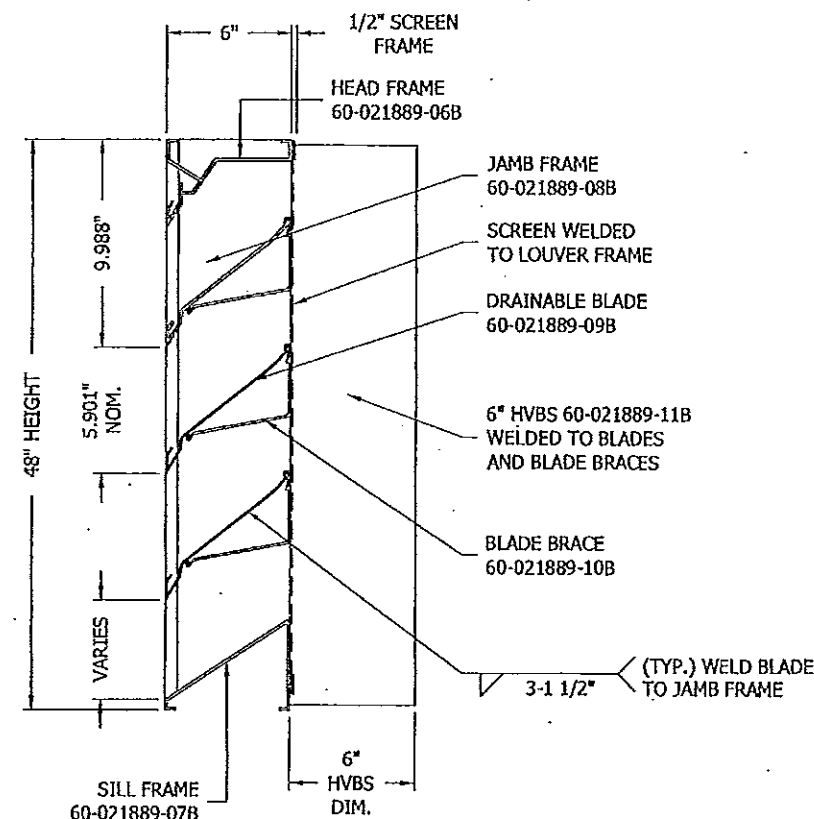
107/15/2013

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 13-0521.08
Expiration Date: April 22, 2014
Approval Date: July 25, 2013



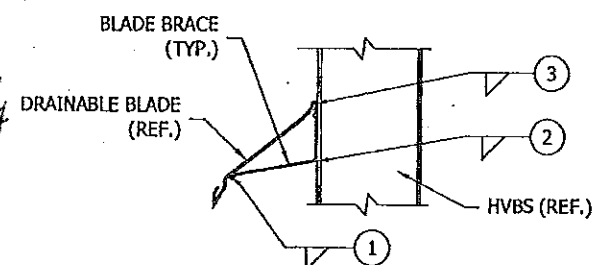
(B) PENTHOUSE ISOMETRIC

FRAME
6063-T5 extruded aluminum with .125" nominal wall thickness.
BLADES
6063-T5 extruded aluminum with .081" nominal wall thickness. Blades are positioned at 37.5° angle.
SCREEN
3/4" x .051" expanded flat-tened aluminum bird screen. WELDED TO FRAME
ROOF
.080 thick formed aluminum panels
SILL
.125" thick formed aluminum
FINISH
Mill: See note 8



(B/A) PHB6375DXD LOUVER SECTION
DESIGN PRESSURE RATING
±68 PSF

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0531.08
Expiration Date 04/22/2014
By *[Signature]*
Miami Dade Product Control



BLADE BRACE WELD DETAIL

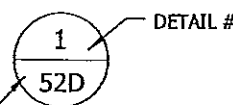
- WELD FRONT HOOK OF BLADE BRACE TO BLADE HOOK. WELD ONE SIDE AT CORNERS, BOTH SIDES AT INTERMEDIATE HVBS.
- WELD BLADE BRACE TO CORNER ANGLE AND HVBS, FULL HEIGHT OF BLADE BRACE.
- WELD BLADE BRACE TO TOP OF BLADE. WELD ONE SIDE AT CORNERS, BOTH SIDES AT INTERMEDIATE HVBS.

NOTES:

- DIMENSIONS SHOWN ARE ACTUAL SIZE.
- PENTHOUSE DESIGN INCORPORATES STRUCTURAL SUPPORTS, ATTACHED TO REAR OF LOUVERS TO WITHSTAND A WINDLOAD OF ±68 PSF. REFERENCE PLAN VIEW FOR SIZE, QTY., & LOCATION.
- HVBS = HIDDEN VERTICAL BLADE SUPPORT
OPP. = OPPOSITE
SIM. = SIMILAR
TYP. = TYPICAL
- SEALING REQUIREMENTS AROUND PENTHOUSE SHALL COMPLY WITH PROVISIONS OF CHAPTER 15 OF FLORIDA BUILDING CODE.
- BITUMINOUS COMPOUNDS REQUIRED BETWEEN DISSIMILAR METALS OR PENTHOUSE AND OTHER SURFACES IS THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR TO SUPPLY AND PROPERLY APPLY.
- DIMENSIONS 'A'-O.D. AND 'B'-O.D ARE THE OUTSIDE DIMENSIONS OF THE PENTHOUSE SIDES. DIMENSIONS 'A' AND 'B' ARE THE INSIDE OF THE CURB.
- MILL FINISH IS STANDARD. PAINTED AND ANODIZE FINISHES ARE ALSO AVAILABLE.
- MAXIMUM PHB6375DXD PENTHOUSE OUTSIDE DIMENSIONS ARE 66"x75"x48" TALL AS INDICATED ON THESE DRAWINGS. PENTHOUSE UNITS MAY BE CONSTRUCTED IN SMALLER SIZES. MINIMUM OUTSIDE DIMENSIONS ARE 24"x24"x12" TALL.
- RUSKIN DOES NOT INSTALL ROOF CURBS.
- RUSKIN DOES NOT INSTALL PHB6375DXD PENTHOUSE. PROPER PENTHOUSE INSTALLATION PER THE APPROVED INSTALLATION DETAILS IS THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.
- REF DWGS: -02D THRU -05D
-06B THRU 011B FOR COMPONENT DRAWINGS
- THIS SYSTEM IS TO BE INSTALLED IN A LOCATION WHERE THE ROOM INSIDE THE SYSTEM IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM, AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS OR SUPPLIES.

6) DETAIL BALLOON DESCRIPTION:

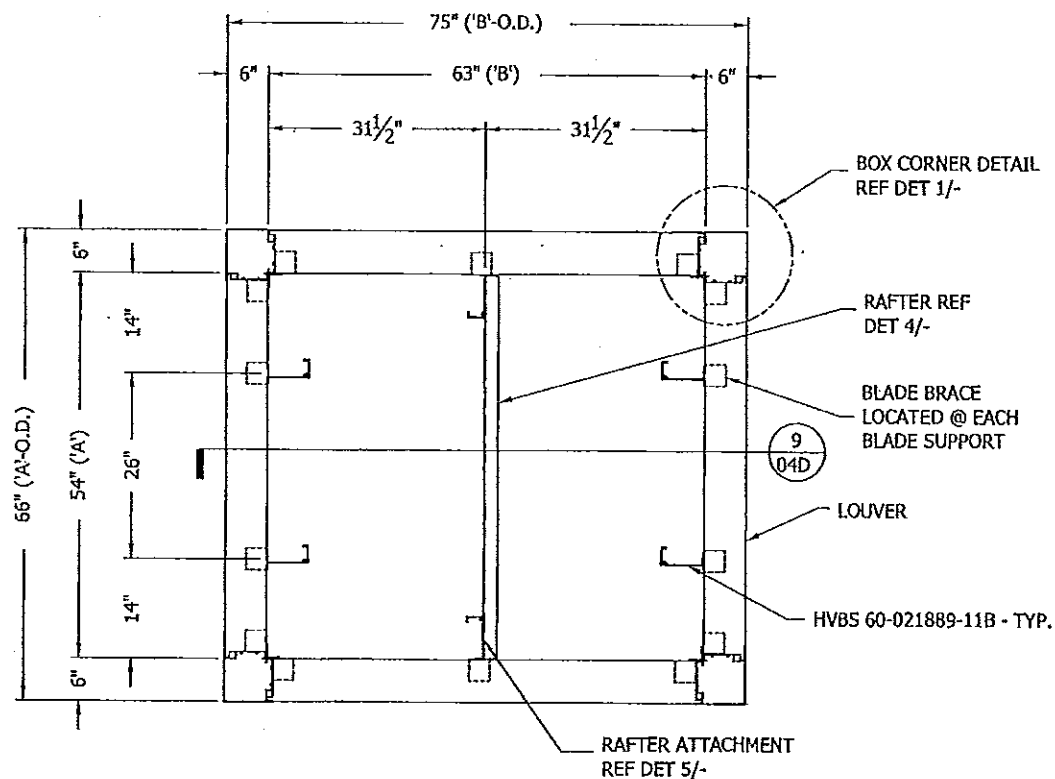
DRAWING # DETAIL IS
REFERENCED ON



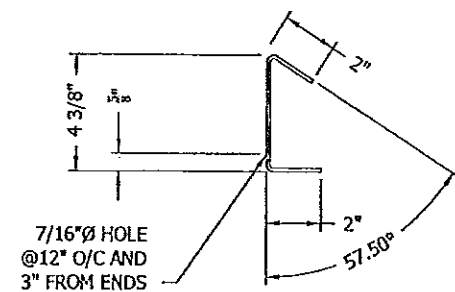
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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 07-0423.06
Expiration Date 04/22/2014
By *[Signature]*
Miami Dade Product Control
Division

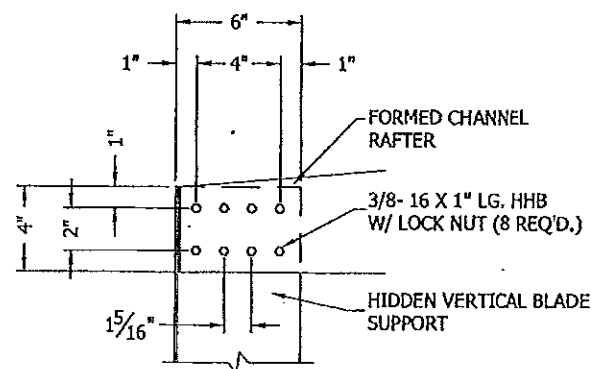
ENGINEER OF RECORD DANIEL J. RAU				<div>B</div>	REVISED HEAD AND SILL NOTATION ADDED WELD DETAILS	VMA	DJR	DJR		4/20/09
ENGINEERING DISCIPLINE CIVIL ENGINEER					<div>A</div>	UPDATED DRAWING NUMBERS	DLC	VMA	VMA	
REGISTRATION NUMBER STATE OF FLORIDA #0063636				CHANGE LETTER		REVISION DESCRIPTION	DRAWN BY:	CHKD. BY:	APPROV. BY:	APPROV. BY:
DRAWN BY: MRC	CHKD BY: VMA	APPROV. BY: VMA	APPROV. BY:	RUSKIN Mfg Grandview, MI			PLOT SCALE		DWG. CERTIFIED	
DATE: 1-16-04	DATE: 1-21-04	DATE: 1-21-04	DATE:				NONE		BY: _____ DATE: _____	
				TITLE PHB6375DXD PENTHOUSE SPECS, NOTES AND DETAILS			DWG. NO. 60-021889-01D SHEET 1 of 11			



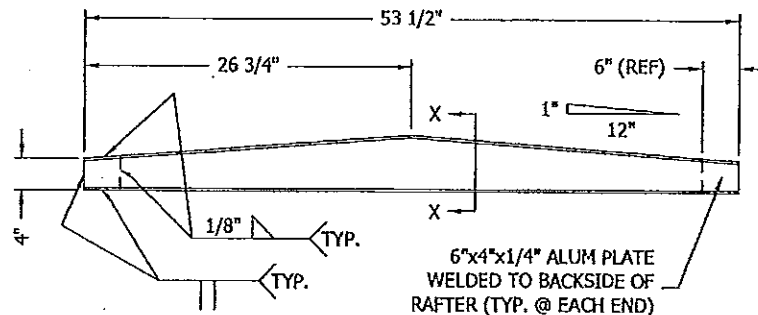
(B) PLAN VIEW 'A'
NTS
HEIGHT ('C') = 48"
ROOF NOT SHOWN FOR CLARITY



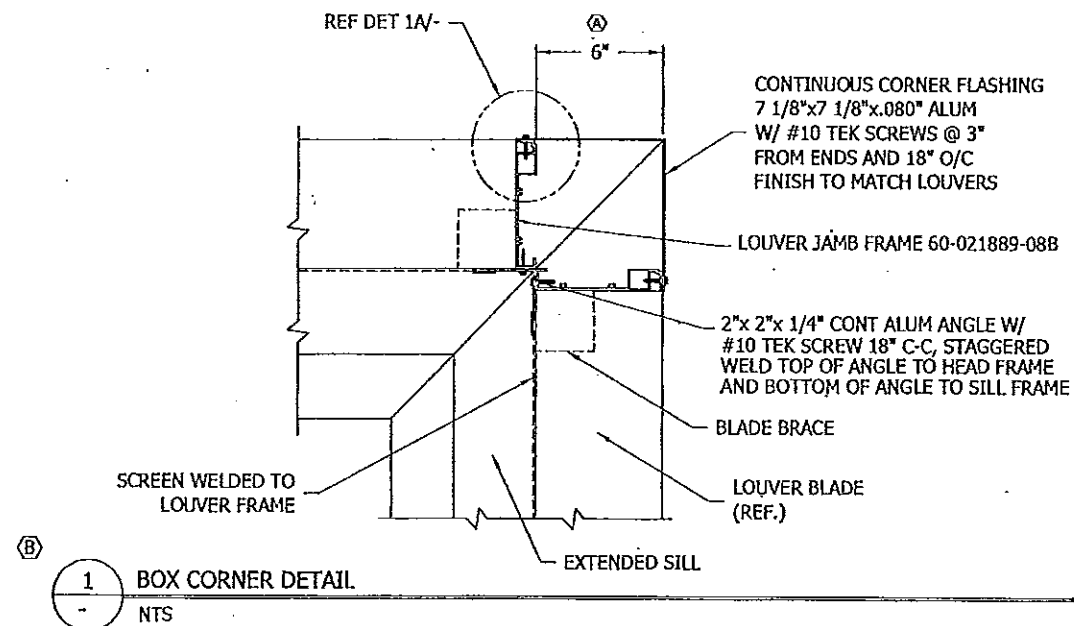
(B) 2 SILL SUPPORT DETAIL
NTS
MATERIAL: 1/8" FORMED ALUMINUM
PLAN VIEW



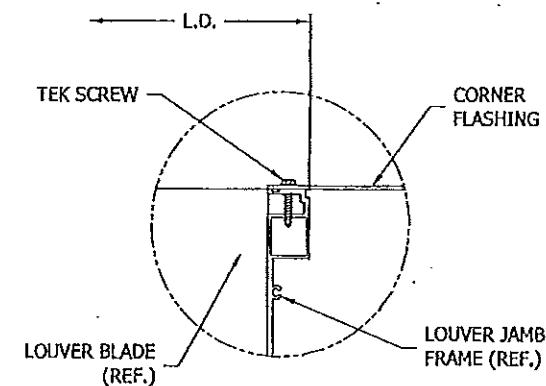
(B) 5 RAFTER ATTACHMENT DETAIL
NTS



(B) 4 RAFTER DETAIL
NTS
MATERIAL: .125 FORMED ALUMINUM



(B) 1 BOX CORNER DETAIL
NTS



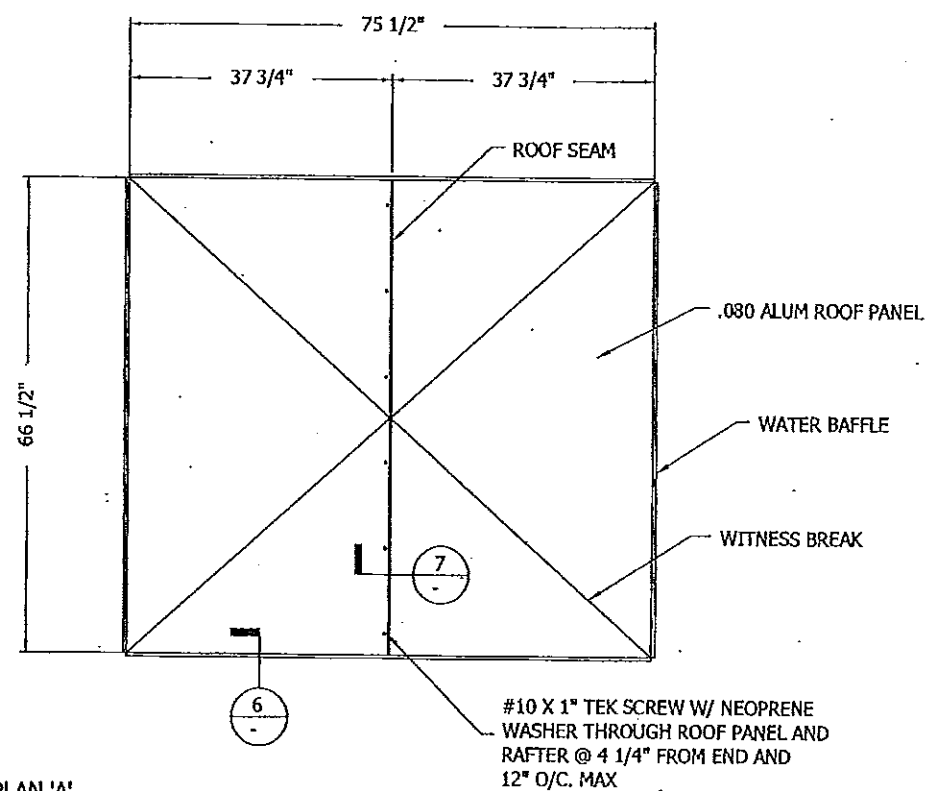
(B) 1A LOUVER/CORNER FLASHING DETAIL
NTS

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as complying with the Florida
Building Code
Acceptance No 13-0521.08
Expiration Date 04/22/2019
By [Signature]
Miami Dade Product Control

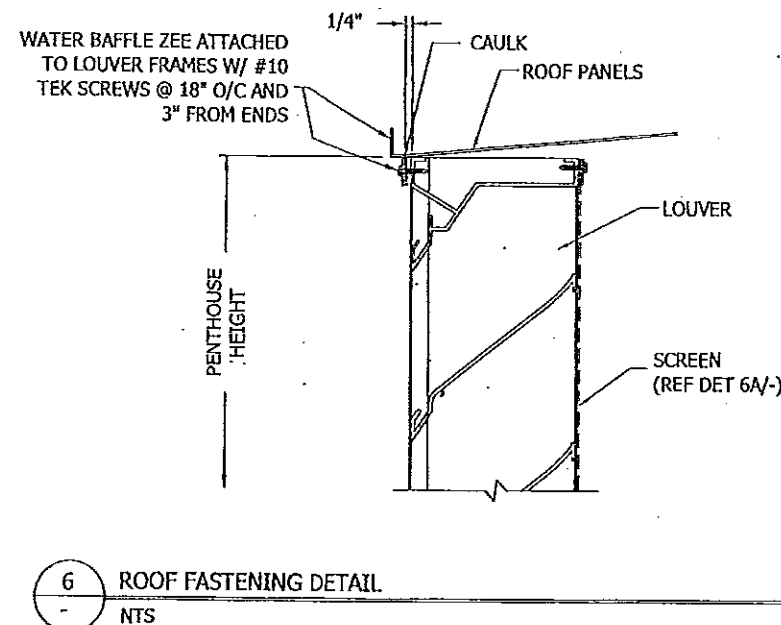
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0423.06
Expiration Date 04/22/2019
By [Signature]
Miami Dade Product Control
Division

DESIGNER OF RECORD DANIEL J. RAU		ENGINEERING DISCIPLINE CIVIL ENGINEER		REGISTRATION NUMBER STATE OF FLORIDA #0063636	
DATE 1-16-04	BY MRC	DATE 1-21-04	BY VMA	DATE 1-21-04	BY VMA
CHANGE LETTER		REVISION DESCRIPTION		DRAWN BY VMA	
DATE 1-16-04		DATE 1-21-04		DATE 1-21-04	
TITLE PHB6375DXD PENTHOUSE DETAILS		PROJECT SCALE NONE		DATE 4/20/09	
PROJECT NO. 60-021889 -02D		SHEET 2 of 11			

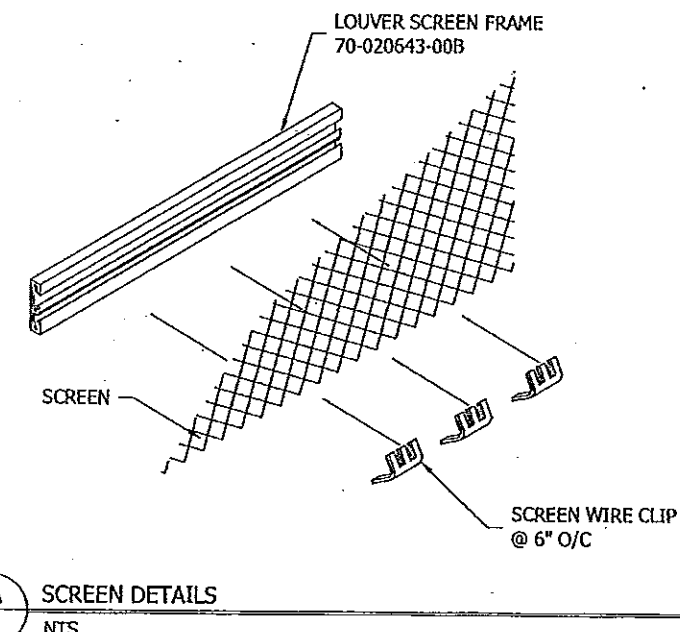
FOR OFFICE USE ONLY



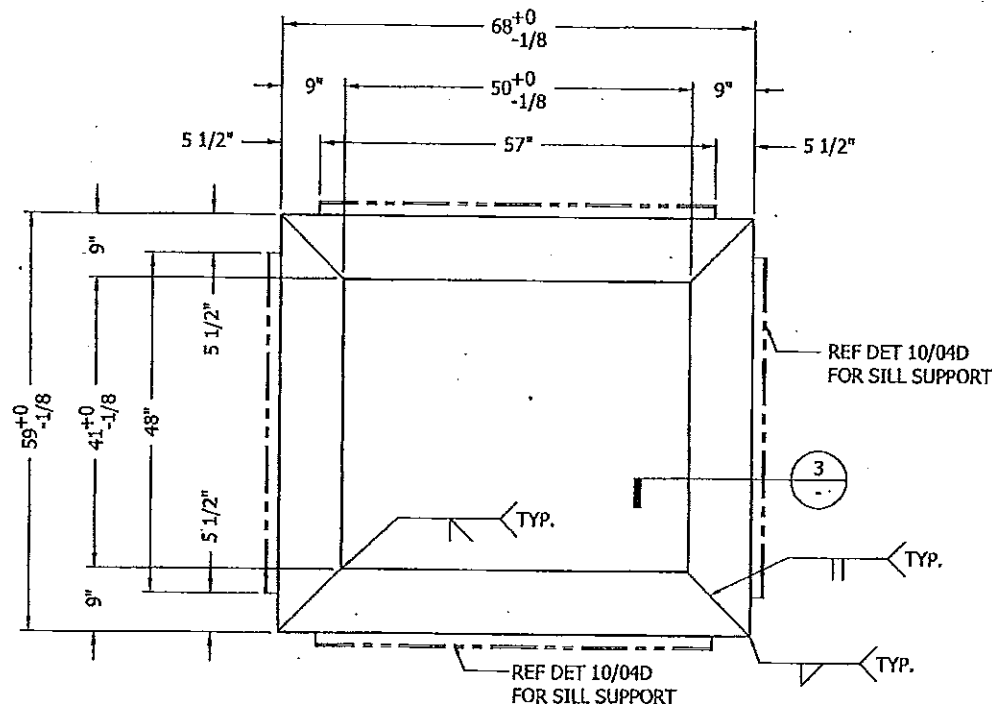
ROOF PLAN 'A'
NTS



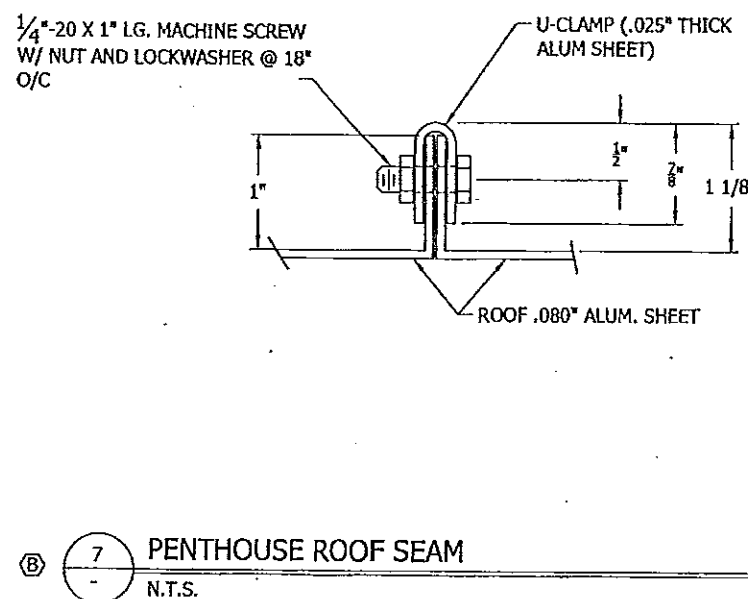
6 ROOF FASTENING DETAIL
NTS



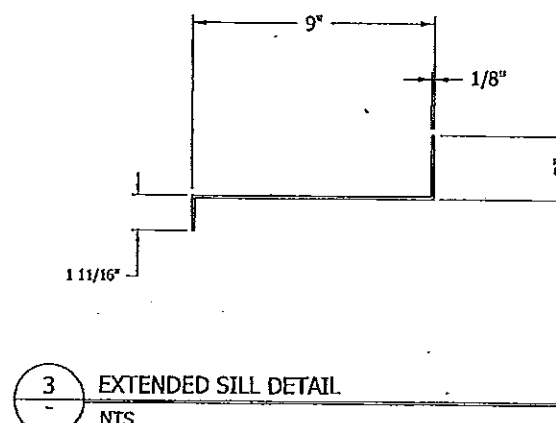
6A SCREEN DETAILS
NTS



B EXTENDED SILL PLAN 'A'
NTS



B 7 PENTHOUSE ROOF SEAM
N.T.S.



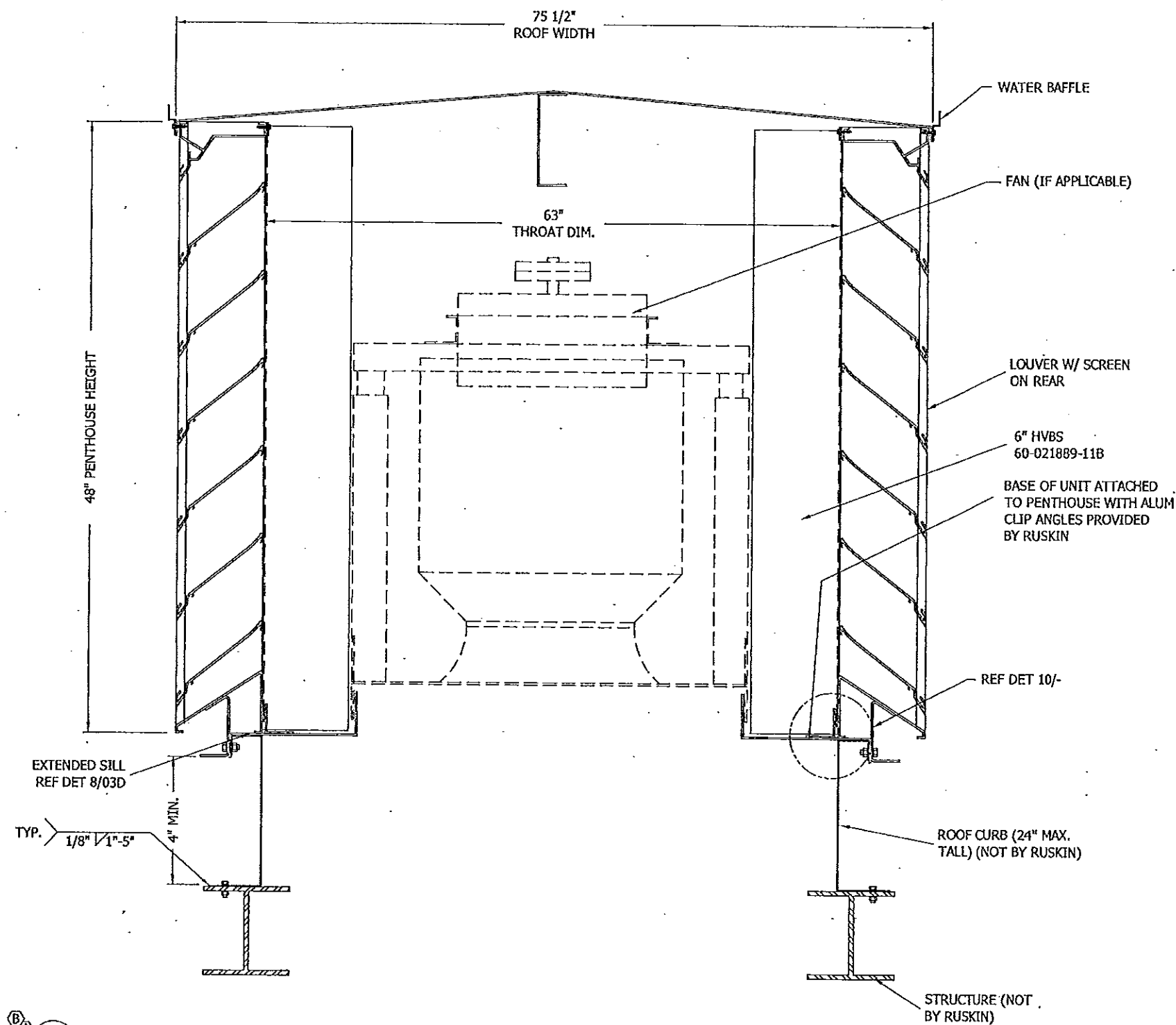
3 EXTENDED SILL DETAIL
NTS
MAT'L: .125\"/>

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0521-08
Expiration Date 04/22/2014
By *[Signature]*
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[Signature]
4/20/2009
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Building Code
Acceptance No 09-0923-06
Expiration Date 04/22/2014
By *[Signature]*
Miami Dade Product Control
Division

ENGINEER OF RECORD DANIEL J. RAU CIVIL ENGINEER STATE OF FLORIDA #0063636				B REVISED RAFTER DETAIL 7 & SILL DETAIL				VMA	DJR	DJR	4/20/09
DATE: 1-16-04	DATE: 1-21-04	DATE: 1-21-04	DATE: 1-21-04	CHANGE LETTER	REVISION DESCRIPTION	DRAWN BY:	CHECKED BY:	APPROVED BY:	APPROVED BY:	DATE	
MRC	VMA	VMA	VMA		RUSKIN Mfg Grandview, MD						
TITLE PHB6375DXD PENTHOUSE DETAILS				PLOT SCALE NONE				DWG. CERTIFIED BY: DATE:			
				DWG. NO. 60-021889-03D SHEET 3 of 11							



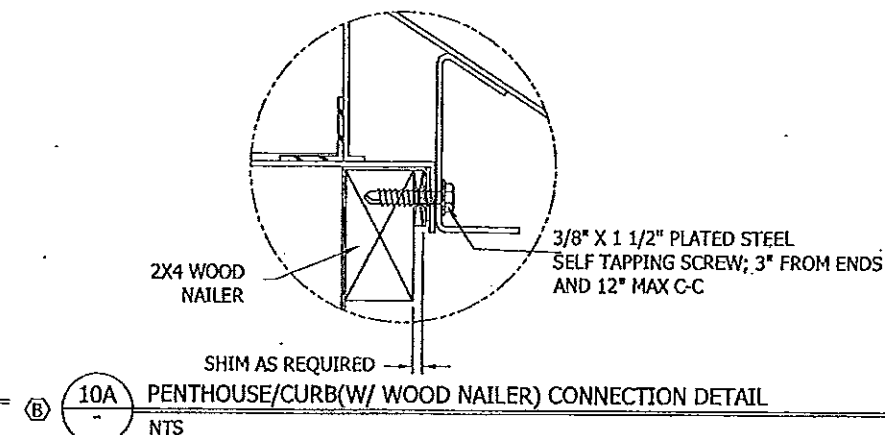
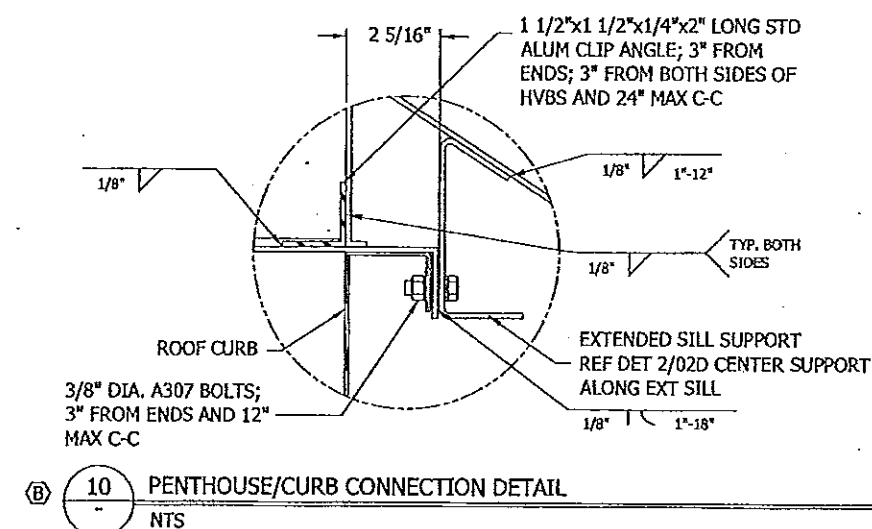
9 PENTHOUSE CROSS SECTION AND INSTALLATION DETAIL
02D NTS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-052109
Expiration Date 04/22/2014
By *[Signature]*
Miami Dade Product Control

[Signature]
4/20/2009

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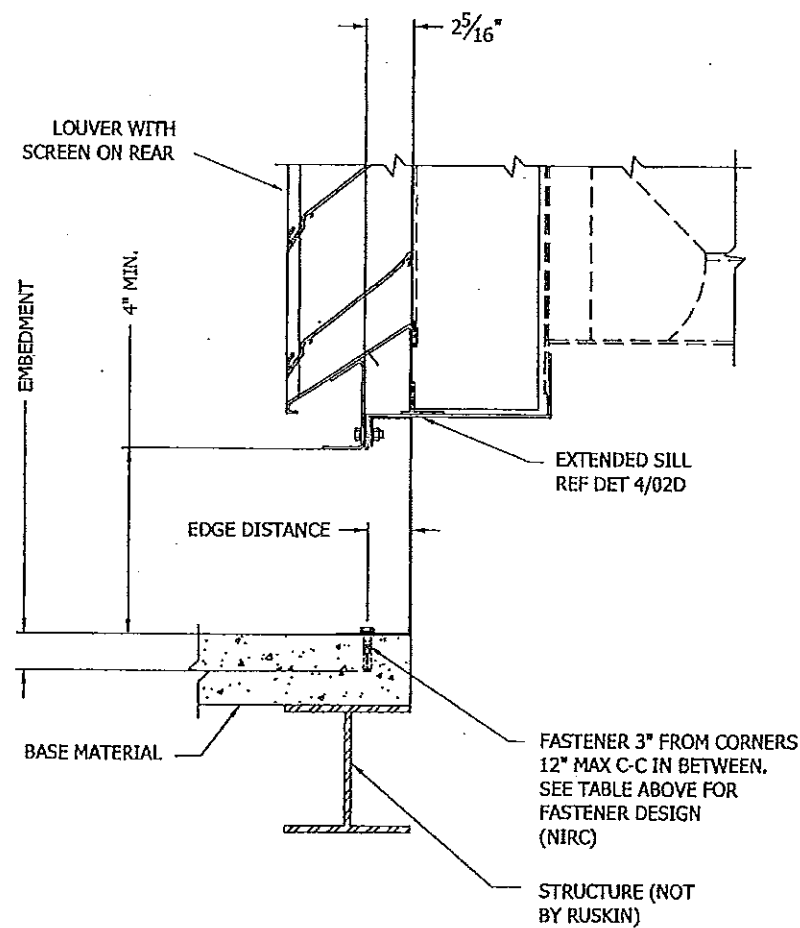
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 07-042306
Expiration Date 04/22/2014
By *[Signature]*
Miami Dade Product Control
Division



ENGINEER OF RECORD DANIEL J. RAU				REVISED CURB CONNECTION & HVBS AND DETAIL 10 & 10A				VMA	DJR	DJR	4/20/09
CIVIL ENGINEER				DETAIL 9 - ADDED WELD DETAIL 9A - ADDED ANCHOR				MRC	VMA	VMA	2-28-11
STATE OF FLORIDA #0063636				RUSKIN Mfg Grandview, NJ				DWG. NO.	DATE	DATE	DATE
DATE: 1-16-04	DATE: 1-21-04	DATE: 1-21-04	DATE: 1-21-04	NONE				DATE			
PHB5375DXD PENTHOUSE DETAILS				60-021889 -04D				SHEET 4 of 11			

TABLE 1

BASE MATERIAL	FASTENER TYPE	SPECIAL REQUIREMENT
TIMBER FRAME	5/16" DIA. LAG SCREW	3" MINIMUM EMBEDMENT, 1 1/2" EDGE DISTANCE
STEEL DECKING	3/8" DIA. SELF-TAPPING SCREW	10 GAUGE MINIMUM THICKNESS FOR BASE MATERIAL
CONCRETE	3/8" DIA. HILTI KWIK BOLT II EXP. ANCHOR OR EQUAL	2 1/2" MINIMUM EMBEDMENT AND EDGE DISTANCE, 2000 PSI MIN CONCRETE



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9A PENTHOUSE INSTALL (OPTIONAL)
04D NTS
(FOR DETAILS NOT NOTED REF DET 9/04D)

[Signature]
4/20/2009

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Division

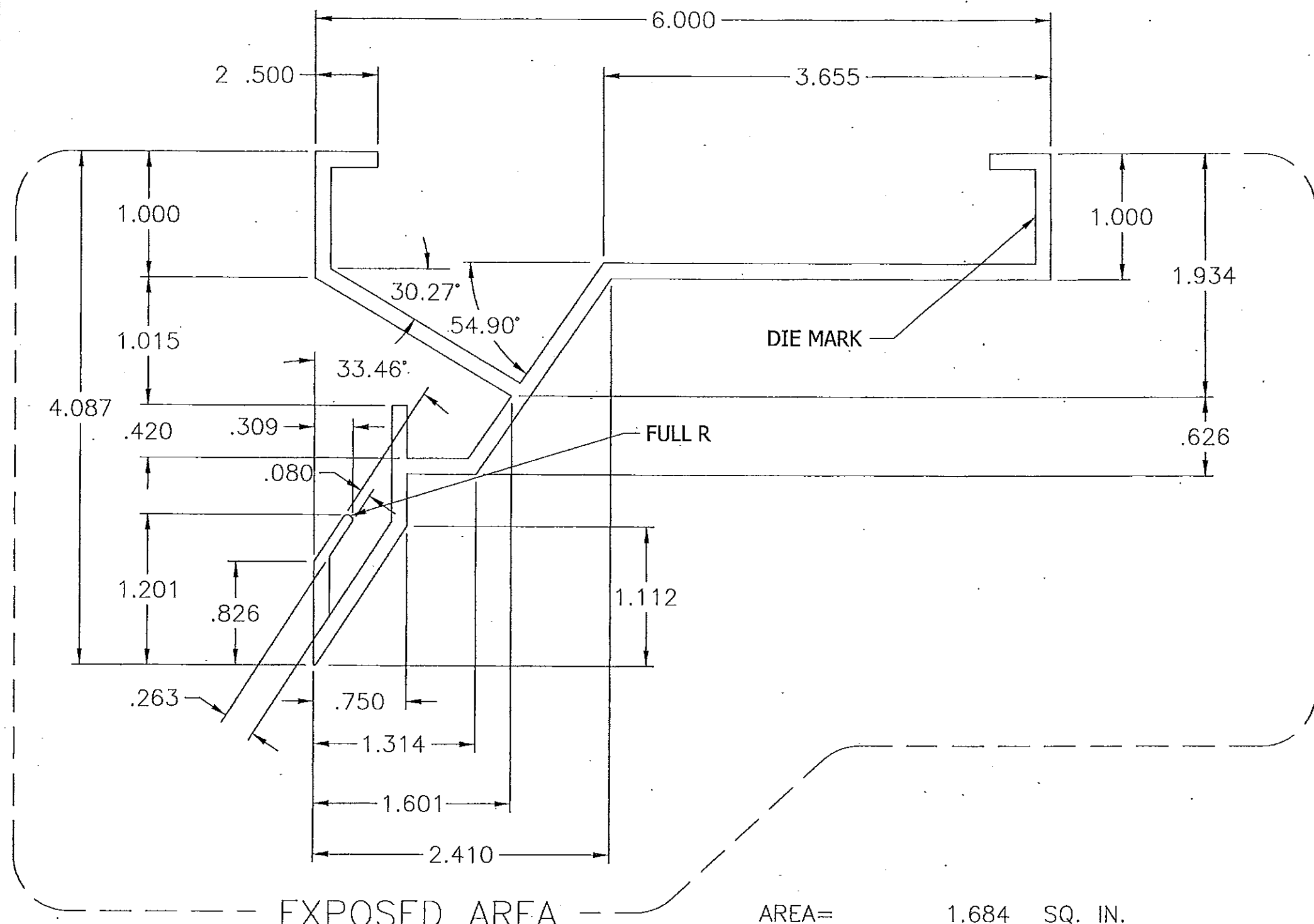
ENGINEER OF RECORD DANIEL J. RAU CIVIL ENGINEER STATE OF FLORIDA #0063636		CHANGE LETTER	REVISION DESCRIPTION	DRAWN BY	CONTROL BY	APPROVED BY	APPROVED DATE
DRAWN BY: VMA DATE: 3-19-09	CHECKED BY: DJR DATE: 4/20/09	APPROVED BY: DJR DATE: 4/20/09	APPROVED DATE	RUSKIN Mfg Grandview, MI		NONE	
TITLE PHB6375DXD PENTHOUSE DETAILS				DWG. NO. 60-021889 -05D SHEET 5 of 11			

ENGINEER OF RECORD
DANIEL J. RAU
ENGINEERING DISCIPLINE
CIVIL ENGINEER
REGISTRATION NUMBER
STATE OF FLORIDA #0063636

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 Division

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 By *[Signature]*
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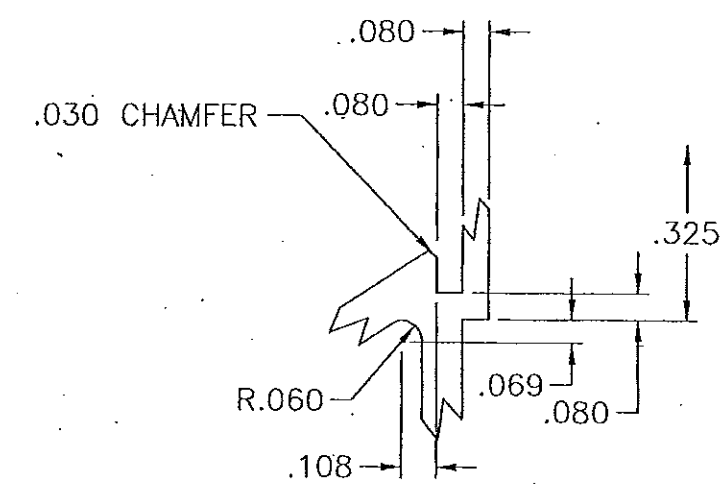
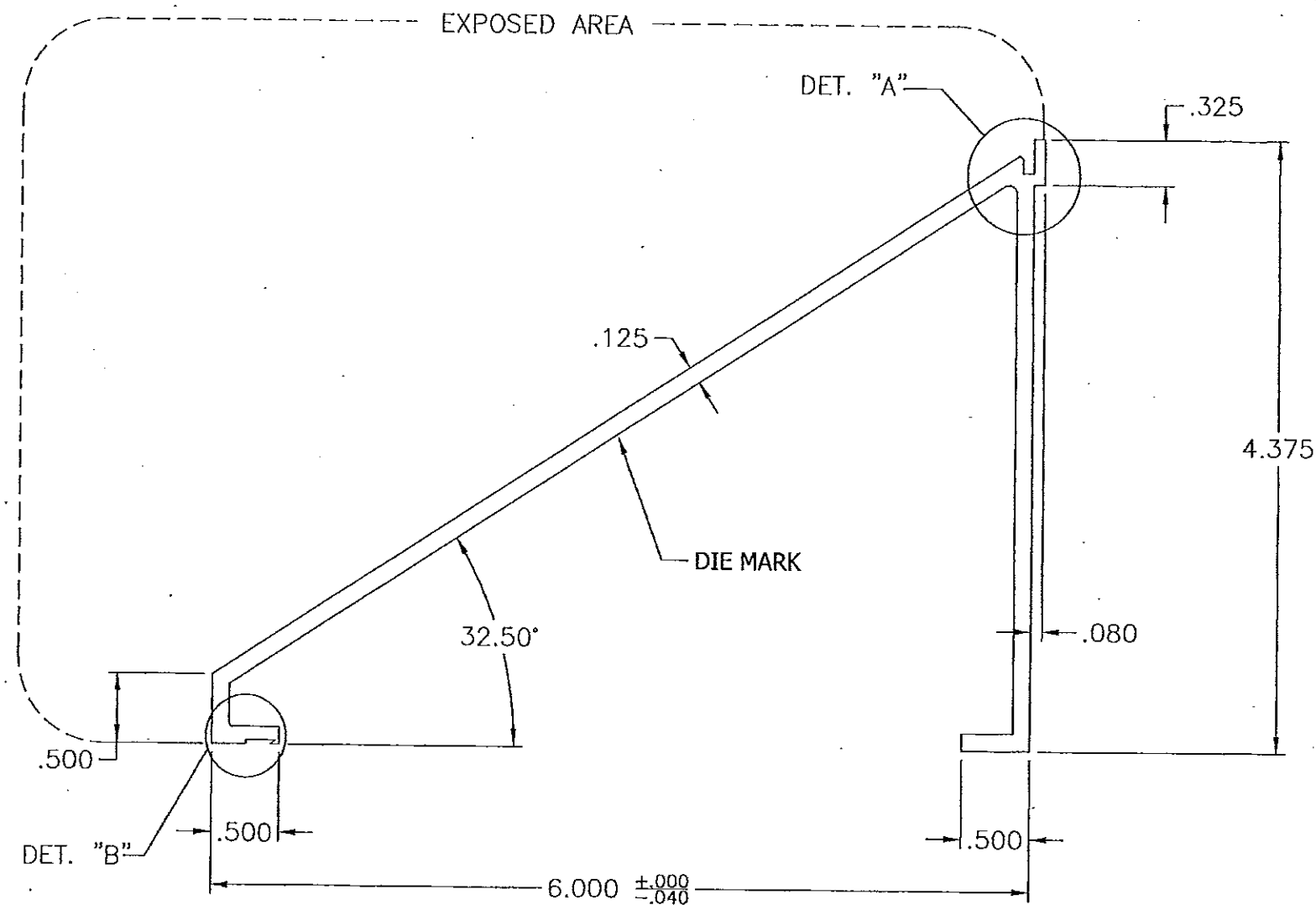


- NOTES:
1. ALUMINUM ASSOCIATION TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED.
 2. 0.010" RADIUS AT ALL CORNERS UNLESS OTHERWISE SPECIFIED.
 3. ALL DIMENSIONS ARE GIVEN IN INCHES.
 4. INVENTORY NUMBER= 10590

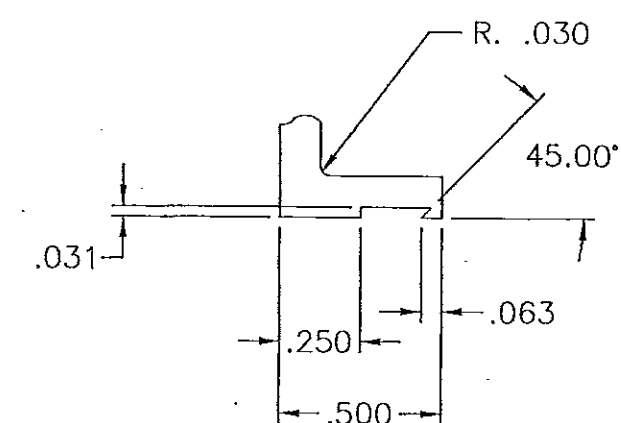
AREA= 1.684 SQ. IN.
 PERIMETER= 27.381 IN.
 EST. WEIGHT= 2.021 LBS/FT.

(RUSKIN 70-020689-00B)

DWN. BY: MRC	CHK. BY: VMA	APPV'D. BY: VMA	APPV'D. BY:	RUSKIN Mfg. Hialeah, MD PROPRIETARY INFORMATION	PLOT SCALE	DWG. CERTIFIED
DATE: 1-16-04	DATE: 1-21-04	DATE: 1-21-04	DATE:		1"=1"	BY: _____ DATE: _____
MATERIAL: 6063T5 EXTRUDED ALUMINUM NOM WALL THICKNESS = .125				TITLE PHB6375DXD HEAD FRAME	DWG. NO. 60-021889-06B SHEET 6 of 11	



DETAIL "A"
SCALE: 1"=2"



DETAIL "A"
SCALE: 1"=2"

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By [Signature]
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ENGINEER OF RECORD
DANIEL J. RAU
ENGINEERING DISCIPLINE
CIVIL ENGINEER
REGISTRATION NUMBER
STATE OF FLORIDA #0063636

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By [Signature]
Miami Dade Product Control

NOTE:

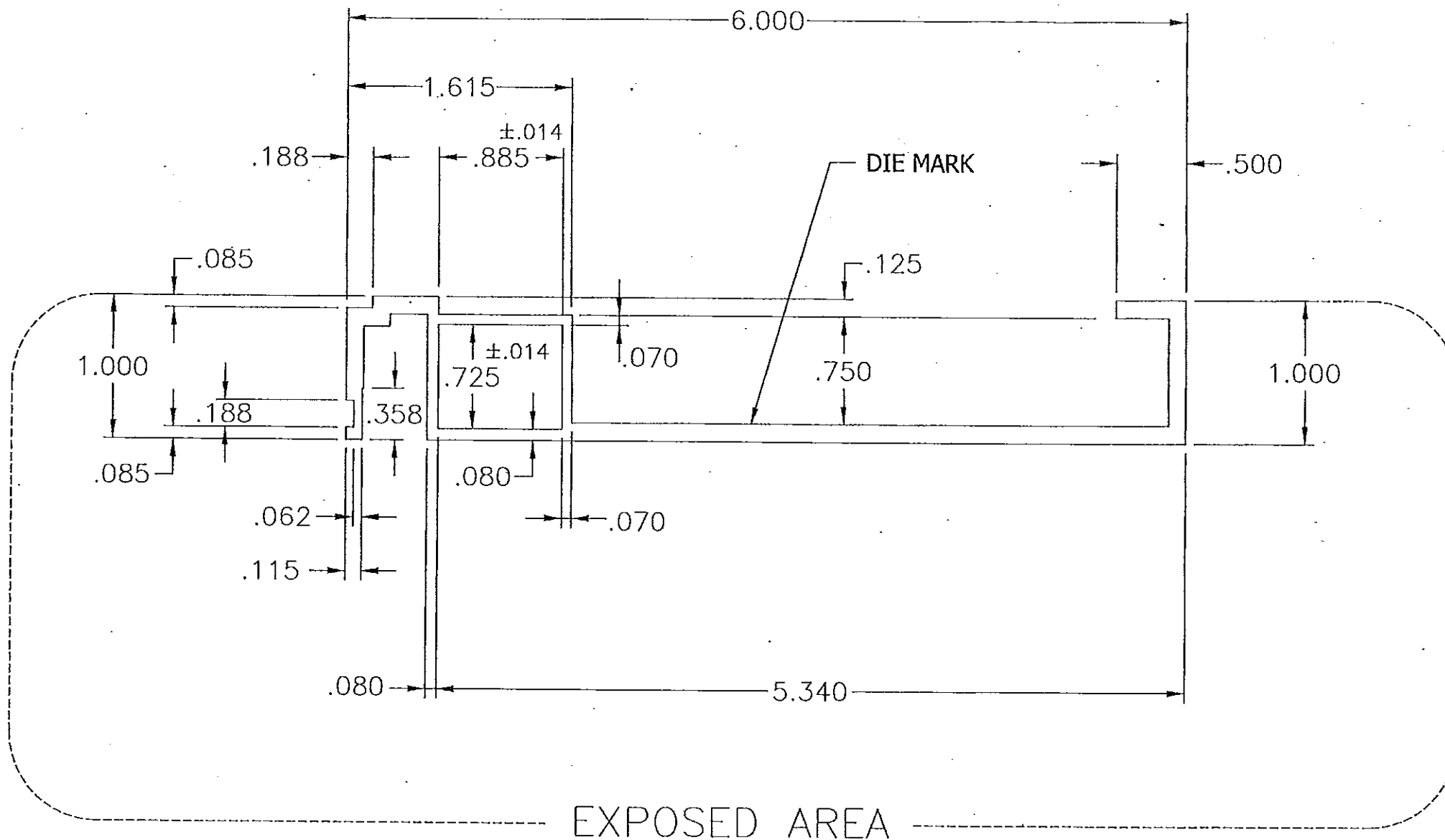
- NOTES:
1. ALUMINUM ASSOCIATION TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED.
 2. 0.010" RADIUS AT ALL CORNERS UNLESS OTHERWISE SPECIFIED.
 3. ALL DIMENSIONS ARE GIVEN IN INCHES.
 4. INVENTORY NUMBER= INVENTORY-NUMBER

DESIGN DIE FOR MAX. ALLOY & TEMPER SHOWN

AREA= 1.348 SQ. IN.
PERIMETER= 24.046 IN.
EST. WEIGHT= 1.585 LBS/FT.

(RUSKIN 70-021130-00B)

DWN. BY: MRC	CHK. BY: VMA	APPV'D. BY: VMA	APPV'D. BY:	DATE: 1-16-04	DATE: 1-21-04	DATE: 1-21-04	DATE:	CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE
RUSKIN Mfg 4/20/2009 MATERIAL: 6063T5 EXTRUDED ALUMINUM NOM WALL THICKNESS = .125"								view, MD PROPRIETARY INFORMATION		PLOT SCALE 1"=1"		DWG. CERTIFIED BY: _____ DATE: _____		
TITLE PHB6375DXD SILL FRAME										DWG. NO. 60-021889-07B		SHEET 7 of 11		



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ENGINEER OF RECORD
DANIEL J. RAU
ENGINEERING DISCIPLINE
CIVIL ENGINEER
REGISTRATION NUMBER
STATE OF FLORIDA #0063636

PRODUCT REVISED
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By *[Signature]*
Miami Trade Product Control

NOTES:

1. ALUMINUM ASSOCIATION TOLERANCES UNLESS OTHERWISE SPECIFIED.
2. 0.010" RADIUS AT ALL CORNERS UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE GIVEN IN INCHES.
4. INVENTORY NUMBER= 10530

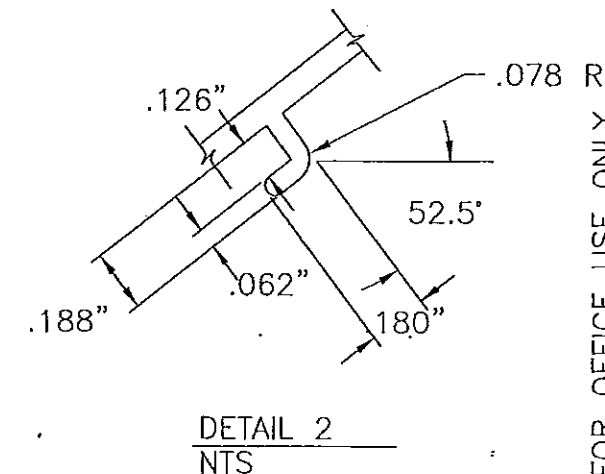
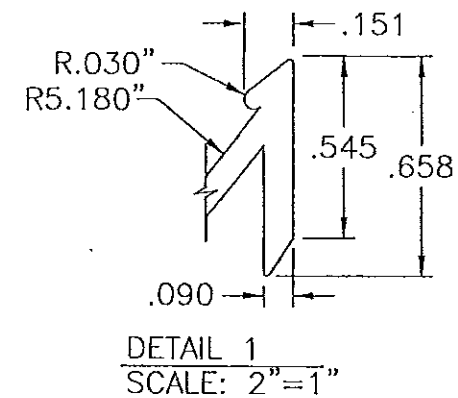
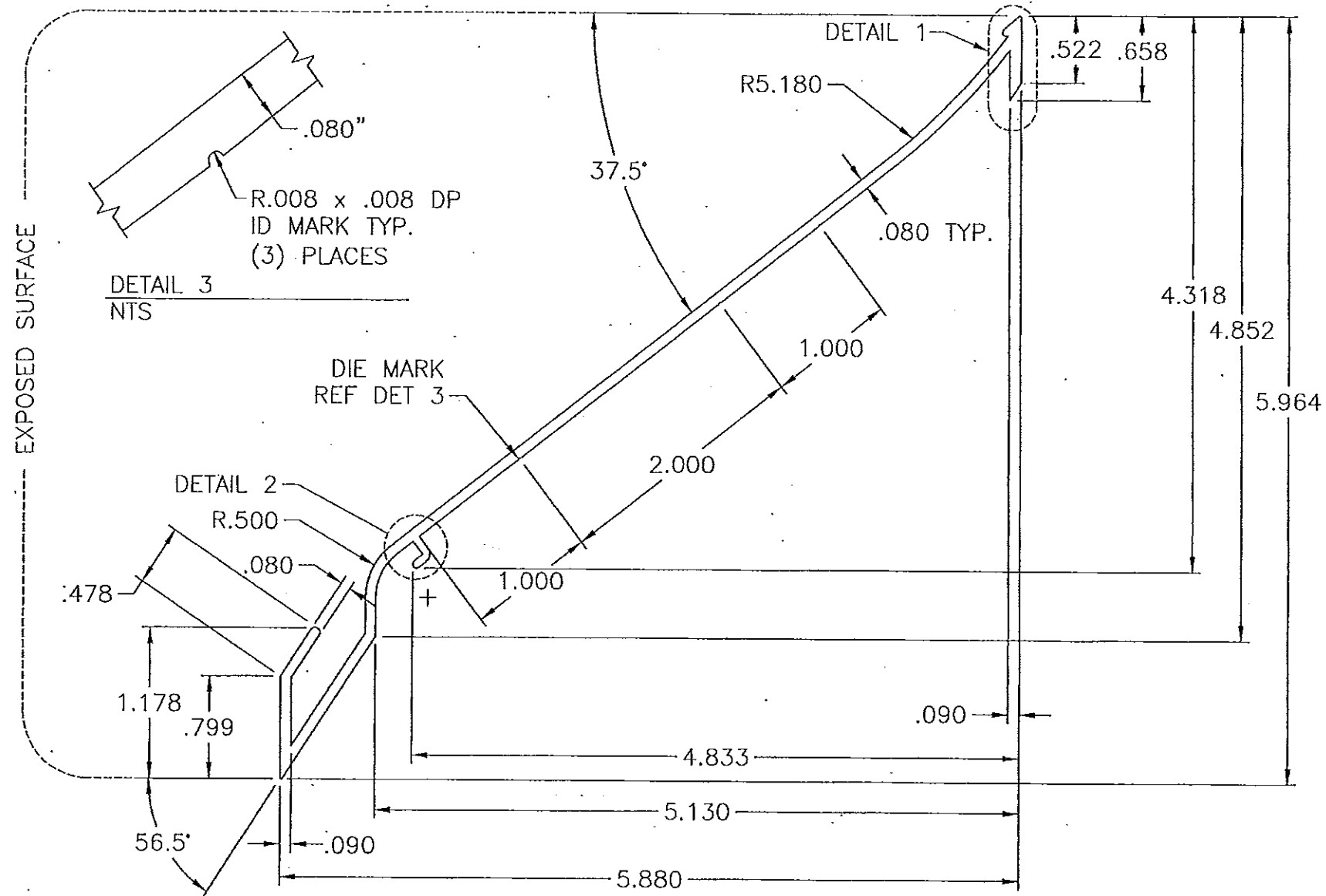
AREA= 1.147 SQ. IN.
PERIMETER= 21.576 IN.
EST. WEIGHT= 1.35 LBS/FT.

(RUSKIN 70-020691-00B)

DWN. BY: MRC	CHK. BY: VMA	APPV'D. BY: VMA	APPV'D. BY: VMA
DATE: 1-16-04	DATE: 1-21-04	DATE: 1-21-04	DATE: 1-21-04

MATERIAL: 6063T5 EXTRUDED
ALUMINUM NOM WALL
THICKNESS = .125

CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APPV'D. BY:	APPV'D. BY:	DATE
	RUSKIN Mfg. Gardview, MD	PLOT SCALE		DWG. CERTIFIED		
	PROPRIETARY INFORMATION	1"=1"		BY: _____		
				DATE: _____		
TITLE		DWG. NO.				
PHB6375DXD		60-021889-08B				
JAMB FRAME		SHEET 8 of 11				



FOR OFFICE USE ONLY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0423.06
Expiration Date 04/22/2014
By *[Signature]*
Miami Dade Product Control
Division

ENGINEER OF RECORD
DANIEL J. RAU
ENGINEERING DISCIPLINE
CIVIL ENGINEER
REGISTRATION NUMBER
STATE OF FLORIDA #0063636

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0521.02
Expiration Date 04/22/2014
By *[Signature]*
Miami Dade Product Control

(RUSKIN 70-020560-00B)

NOTES:

1. ALUMINUM ASSOCIATION TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED.
2. 0.010" RADIUS AT ALL CORNERS UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE GIVEN IN INCHES.
4. INVENTORY NUMBER= 10250

Paul A. Rau
4/20/2009

AREA= .826 SQ. IN.
PERIMETER= 20.634 IN.
EST. WEIGHT= .971 LBS/FT.

DWN. BY: MRC	CHK. BY: VMA	APP'D. BY: VMA	APP'D. BY: VMA
DATE: 1-16-04	DATE: 1-21-04	DATE: 1-21-04	DATE: 1-21-04

MATERIAL: 6063T5 EXTRUDED
ALUMINUM. MIN. NOM. WALL
THICKNESS = .080"

CHANGE LETTER	REVISION DESCRIPTION	DWN. BY:	CHK'D. BY:	APP'D. BY:	APP'D. BY:	DATE
	RUSKIN Mfg. air handling specialties 3900 DR. GREAVES RD. GRANDVIEW MD 64030					
	TITLE PHB6375DXD DRAINABLE BLADE	PLOT SCALE 1"=1"	DWG. CERTIFIED BY: _____ DATE: _____	DWG. NO. 60-021889-09B	SHEET 9 of 11	

